| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|--------------------|---------------------|---------|------------------|
| L1 | 85 | (monitoring or manag\$5) and (("programmable logic controller" or "programmable logic controllers" or plcs) near (((screen or display\$4 or window or pane\$1 or gui or interface) near (input and output) near (program or programs or programming))) or (monitor with (input and output))) and ("700"/18,86,87,70,83,23.ccls. or 715/805.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:10 |
| L2 | 0 | ((monitoring or manag\$5) and (("programmable logic controller" or "programmable logic controllers" or plc or "plc's" or plcs) near (program or programs or programming)) with ((input and output) or (monitor with (input and output))) with (screen or display\$4 or window or pane\$1 or gui or interface)) and ("700"/18, 86,87,70,83,23.ccls. or 715/805. ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:11 |
| L3 | 11 | ("programmable logic controller" or "programmable logic controllers" or plc or "plc's" or plcs).ab. and (monitoring or manag\$5) and (((screen or display\$4 or window or pane\$1 or gui or interface) near (input and output)) or (monitor with (input and output))) and ("700"/18,86, 87,70,83,23.ccls. or 715/805.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:34 |
| L4 | 5 | ((interface or gui or window) same (step or sequential or process)) and (program near logic near controller) and ("700"/18,86,87, 70,83,23.ccls. or 715/805.ccls.) | USPAT | OR | ON | 2005/08/22 09:15 |
| L5 | 10 | ((screen) same (step or sequential or process)) and (program\$5 near logic near controller).ab. and ("700"/18,86,87,70,83,23.ccls. or 715/805.ccls.) | USPAT | OR | ON | 2005/08/22 09:16 |

| L6 | 7 | ((row\$1 same column\$1) and (((interface or gui or window or screen) and (step or sequential or process or function)) and (program\$5 near logic near controller) and grid)) and @ad<"20010130" and ("700"/18, 86,87,70,83,23.ccls. or 715/805. ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:14 |
|-----|----|---|--------------------|----|-----|------------------|
| L7 | 8 | ((row\$1 same column\$1) and (((interface or gui or window or screen) and (step or sequential or process or function)) and (program\$5 near logic near controller) and grid)) and ("700"/18,86,87,70,83,23.ccls. or 715/805.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:14 |
| L8 | 20 | ("programmable logic controller" or "programmable logic controllers" or plc or "plc's" or plcs).ab. and (monitor\$3 or manag\$3) and (((screen or display\$4 or window or pane\$1 or gui or interface) with (input and output)) or (monitor with (input and output))) and ("700"/18,86, 87,70,83,23.ccls. or 715/805.ccls.) | US-PGPUB; USPAT | OR | OFF | 2005/08/22 09:34 |
| L9 | 29 | ("programmable logic controller" or "programmable logic controllers" or plc or "plc's" or plcs).ab. and (monitor\$3 or manag\$3) and (((screen or display\$4 or window or pane\$1 or gui or interface) with (input and output)) or (monitor with (input and output))) and ("700"/18,86, 87,70,83,23.ccls. or 715/805.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:15 |
| L10 | 5 | ((interface or gui or window) same (step or sequential or process)) and (program near logic near controller) and ("700"/18,86,87, 70,83,23.ccls. or 715/805.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:16 |
| L11 | 10 | ((screen) same (step or sequential or process)) and (program\$5 near logic near controller).ab. and ("700"/18,86,87,70,83,23.ccls. or 715/805.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:16 |
| L12 | 5 | 4 not 3 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:16 |
| L13 | 4 | 5 not 3 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:16 |

| L14 | 7 | 6 not 13 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:17 |
|-----|----|-----------|--------------------|----|----|------------------|
| L15 | 8 | 7 not 13 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:17 |
| L16 | 19 | 8 not 13 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:17 |
| L17 | 28 | 9 not 13 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:33 |
| L18 | 5 | 10 not 13 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:17 |
| L19 | 6 | 11 not 13 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:17 |
| L20 | 9 | 17 not 16 | US-PGPUB; USPAT | OR | ON | 2005/08/22 09:33 |